

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of

4

Complete if Known

Application Number	10/083,975
Filing Date	February 27, 2002
First Named Inventor	Brent S. Nelson
Art Unit	3727
Examiner Name	

Attorney Docket Number 0876-0148

U.S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
sw		us- 4,182,457 -	01-08-1980	Yamada et al.	/
		us- 4,391,863 -	07-05-1983	Bonis	/
		us- 4,743,479 -	05-10-1988	Nakamura et al.	/
		us- 4,863,046 -	09-05-1989	Collette et al. -	/
		us- 4,868,026 -	09-19-1989	Shimizu et al.	/
		us- 4,877,141 -	10-31-1989	Hayashi et al.	/
		us- 4,927,680 -	05-22-1990	Collette et al.	/
		us- 4,990,382 -	02-05-1991	Weissenstein et al.	/
		us- 4,936,473 -	06-26-1990	Nahill et al.	/
		us- 5,094,921 -	03-10-1992	Itamura et al.	/
		us- 5,011,648 -	04-30-1991	Garver et al.	/
		us- 5,067,622 -	11-26-1991	Garver et al.	/
		us- 5,178,289 -	01-12-1993	Krishnakumar et al.	/
		us- 5,248,534 -	09-28-1993	Rosen	/
		us- 5,255,889 -	10-26-1993	Collette et al.	/
		us- 5,279,433 -	01-18-1994	Krishnakumar et al. -	/
		us- 5,303,834 -	04-19-1994	Krishnakumar et al.	/
		us- 5,337,909 -	08-16-1994	Vaillencourt	-
		us- 5,341,946 -	08-30-1994	Vaillencourt et al.	/
		us- 5,472,105 -	12-05-1995	Krishnakumar et al. -	/

CLASS

FOREIGN PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T6

Examiner Signature

S. Weinstein

Date Considered

5/17/04

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Attorney Docket Number	0876-0148

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		Number - Kind Code ² (if known)			
SN		us- 5,474,735	- 12-12-1995	Krishnakumar	/
		us- 5,491,009	- 02-13-1996	Bekele	/
		us- 5,534,351	- 07-09-1996	Pearson et al.	/
		us- 5,618,599	- 04-08-1997	Nulman et al.	/
		us- 5,622,735	- 04-22-1997	Krishnakumar et al.	/
		us- 5,693,283	- 12-02-1997	Fehn	/
		us- 5,704,503	- 01-06-1998	Krishnakumar et al.	/
		us- 5,704,504	- 01-06-1998	Bueno	/
		us- 5,716,715	- 02-10-1998	Degrassi et al.	/
		us- 5,780,130	- 07-14-1998	Hansen et al.	/
		us- 5,971,184	- 10-26-1999	Krishnakumar et al.	/
		us- 6,016,932	- 01-25-2000	Gaydosh et al.	/
		us- 6,036,037	- 03-14-2000	Scheffer et al.	/
		us- 6,044,996	04-04-2000	Carew et al.	/
		us- 6,062,409	05-16-2000	Eberle	/
		us- 6,083,450	- 07-04-2000	Safian	/
		us- 6,193,827	- 02-27-2001	Parks et al.	/
		us- 6,194,043	- 02-27-2001	Fehn	/
		us- 6,203,870	- 03-20-2001	Darr	/
		us- 6,218,024	- 04-17-2001	Tamber et al.	/

FOREIGN PATENT DOCUMENTS

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S. WEINSTEN

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/083,975
				Filing Date	February 27, 2002
				First Named Inventor	Brent S. Nelson
				Art Unit	3727
				Examiner Name	
Sheet	3	of	4	Attorney Docket Number	0876-0148

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Examiner Initials'	Cite No. 1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
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Application Number	10/083,975
Filing Date	February 27, 2002
First Named Inventor	Brent S. Nelson
Group Art Unit	3727
Examiner Name	
Attorney Docket Number	0876-0148

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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²	CLASS
SW		"Co-extruded Bottles", <u>Shaping Plastics</u> , pg. 235	NO DATE	—

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	10/083,975
		Filing Date	February 27, 2002
		First Named Inventor	Nelson
		Art Unit	3727
		Examiner Name	
Sheet	1	of	1
		Attorney Docket Number	0876-0148

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Examiner Signature	S. Weinstein	Date Considered	5/17/04
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